

Contract No. DE-AC02-98CH 10886

BROOKHAVEN NATIONAL LABORATORY
BROOKHAVEN SCIENCE ASSOCIATES, LLC.
Upton, L. I., N. Y. 11973

RECORD OF INVENTION

This Record of Invention is an important legal document.
Proper care in its early and complete preparation will save important time and inconvenience in the future.

1. INVENTOR(S)

| | | | | | | | | |
|----------------|-------|-----|----------------|-------|-----|----------------|-------|-----|
| Name | | | Name | | | Name | | |
| Position | | | Position | | | Position | | |
| Street Address | | | Street Address | | | Street Address | | |
| City | | | City | | | City | | |
| County | State | Zip | County | State | Zip | County | State | Zip |
| Citizenship | | | Citizenship | | | Citizenship | | |

2. TITLE OF INVENTION

GENERAL DESCRIPTION. Outline briefly what your invention is about and the manner in which the advantages of your invention are achieved. If it is only a part of a larger system which includes known components, concentrate on the new development. (If pertinent, attach illustrations and refer to them in the description.) (DO NOT refer to published papers or reports.) If more space is needed, attach a sheet.

NOVEL FEATURES. What distinguishes the components, steps or arrangement of your method, apparatus, article or composition from those previously known, as far as you are aware? (DO NOT refer to published papers or reports.)

3. List Drawings, Sketches, Photos, Reports, Memoranda, Notebook Entries, etc., which show or describe the invention

4. Earliest Date and Place Invention Was Conceived

5. Date and Place of First Sketch, Drawing or Photo

6. Date, Place and Identification of First Written Description

| | | | |
|--------------------------------------------------------------------------------------------|------------------------------|--------------------|------------------------------------|
| 7. DISCLOSURE OF INVENTION TO OTHERS IN THIS LABORATORY | | | |
| Name and Address | Date and Place of Disclosure | Form of Disclosure | Was Signature Obtained (Yes or No) |
| <hr/> | | | |
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| 8. Date and Place of Completion of First Sample, Operating Model or Full-Sized Device | | | |
| <hr/> | | | |
| 9. Date and Place of First Test | | | |
| <hr/> | | | |
| 10. Extent of Use; Past, Present and contemplated | | | |
| <hr/> | | | |
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| <hr/> | | | |
| 11. Related Patents, Disclosures and Publications | | | |
| <hr/> | | | |
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| <hr/> | | | |
| 12. Is Publication of Details of this Invention Contemplated? | | | |
| <hr/> | | | |
| If So, in What Form and When? | | | |
| <hr/> | | | |
| <hr/> | | | |
| 13. Was the Invention Made During the Course of Work Sponsored by Another Federal Agency? | | | |
| <hr/> | | | |
| If So, Identify Agency and Give Number of Agreement or Grant | | | |
| <hr/> | | | |
| 14. Was the Invention made during the course of a CRADA or a Sponsored Research Agreement? | | | |
| <hr/> | | | |
| If So, Identify the CRADA Industry Participant or the Research Sponsor: | | | |
| <hr/> | | | |
| 15. Sketch Illustrating Invention (if Applicable). Use Separate Sheet, if Necessary. | | | |

I (We) certify that the statements herein are correct, to the best of my (our) knowledge and belief.

| | | | |
|----------------------------------|-------|-------|-------|
| Inventor: | <hr/> | Date: | <hr/> |
| | <hr/> | | <hr/> |
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| | <hr/> | | <hr/> |
| Witness: | <hr/> | | <hr/> |
| Approved by Department Chairman: | <hr/> | Date: | <hr/> |

DISCLOSURE VERIFICATION

TITLE: _____

DOE DOCKET NO: S-_____

INVENTORS: _____

BNL DOCKET NO: _____

Every inventor seeking patent protection for his invention has an obligation to disclose to the U. S. Patent and Trademark Office information of which he or she is aware which is material to examination of the patent application. Such information is material where there is substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. Information of this type would include, but not be limited to, existing publication and any public use or sale of the invention, or any aspect of it, or similar information such as related art, from which it could be concluded that the invention would have been obvious to an individual skilled in this technology at the time of the invention.

YOUR STRICT ATTENTION TO COMPLETION OF THIS DISCLOSURE VERIFICATION IS VITAL BECAUSE THE VALIDITY OF ANY PATENT ISSUED COVERING THIS INVENTION, IN PART, DEPENDS UPON YOUR MEETING THIS OBLIGATION.

To ensure that your obligation is met and that all known information of this type pertaining to this invention is brought to the attention of the U. S. Patent and Trademark Office, please complete and sign the following:

In addition to the information set forth in the Record of Invention disclosure are you aware of any:

YES **NO**

Reduction to practice of the invention? If so on what date did the first reduction to practice occur? _____

_____ Publication of the invention? If so, what is the date of the first such publication?

_____ Routine use of the invention? If so, describe the extent of use and give the date of the first routine use.

_____ Experimental use of the invention? If so, give the date of the first experimental use. _____

_____ Other U. S. or foreign patent applications prepared or filed disclosing this invention? If so list patent numbers or other identifier.

_____ Sale or offer of sale of the invention? If so, what is the date of first sale or offer for sale?

Information material to examination of the patent application which was not previously disclosed to DOE?

If the answer to any one or more of the above questions is YES, please identify the date of each event, give other identifying data and describe the circumstances surrounding it. If a publication of the invention has occurred, attach a copy of the publication and indicate the date the publication first became available to the public. Copies of any material references should also be provided and the references listed as an appendix hereto.

[illegible]